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VIA HAND DELIVERY SEPTEMBER 27<sup>th</sup>, 2001

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: CHOI et al.

Application Serial No.: 09/830,230

Art Unit: Not assigned

Filed: April 24, 2001

Examiner: Not assigned

For: Lyme Disease Vaccines

Attorney Docket No.: PB481US

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
§ 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE AND  
PRELIMINARY AMENDMENT UNDER 35 U.S.C. § 1.115**

Box PCT  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. § 371 mailed on July 27, 2001, please consider the following amendments, remarks, and submissions. Applicants submit herewith the following: (a) a Fee Transmittal Sheet; (b) a Declaration for Patent Application (executed by the inventors in accordance with 37 C.F.R. §§ 1.63 and 1.497); (c) a Substitute Sequence Listing in paper (552 pages) and computer-readable form (1 disk); (d) a Statement Under 37 C.F.R. 1.821 and 1.825; (e) a Version With Markings to Show Changes Made; and (f) a Copy of the Notification of Missing Requirements Under 35 U.S.C. § 371 in the United States Designated/Elected Office.

**Please amend the application as follows:**

**In the Sequence Listing:**

Please replace the Sequence Listing as originally filed with the Substitute Sequence Listing submitted herewith.